

CLAIMS:

1. A self centering occlusion device, the device comprising:
a center post having a first and second side;
a first set of arms emanating from the second side of the center post
and extending toward the first side;
a second set of arms emanating from the first side of the center post
and extending toward the second side, wherein the first and
second sets of arms define a flexible intermediate zone to
center the device in an aperture; and.
first and second sheets attached to the first and second set of arms,
respectively.
2. The device of claim 1 wherein the arms comprise a bell shape.
3. The device of claim 1 wherein the arms are constructed of stranded
wire.
4. The device of claim 1 wherein the sheets are constructed of non-
thrombogenic polyvinyl alcohol foam.
5. A self centering occlusion device, the device comprising:
a center section extending in an axial direction having a distal and
proximal end;
a first sheet located at the distal end of the center section;
a second sheet located at the proximal end of the center section;
a first set of arms extending from the proximal end of the center
section and attaching to the first sheet;

a second set of arms extending from the distal end of the center section and attaching to the second sheet;
a first hoop attached to the first set of arms and the first sheet; and
a second hoop attached to the second set of arms and the second sheet.

6. The device post of claim 5 wherein the arms comprise a bell shape.
7. The device of claim 5 wherein the arms are constructed of stranded wire.
8. The device of claim 5 wherein the sheets are constructed of non-thrombogenic polyvinyl alcohol foam.
9. An occlusion device for occluding a septal defect, the occlusion device comprising:
 - a center post;
 - a first occluding body connected to the center post;
 - a second occluding body connected to the center post; and
 - sets of first and second arms emanating from the center post and forming a wire network having a flexible intermediate zone to center the device in an aperture.
10. The device post of claim 10 wherein the arms comprise a bell shape.
11. The device of claim 10 wherein the arms are constructed of stranded wire.

12. The device of claim 10 wherein the sheets are constructed of polyvinyl alcohol foam.
13. A self centering occlusion device for the closure of a physical anomaly, the device comprising:
 - an center post having distal and proximal ends;
 - a first set of support arms extending from the distal end of the center post toward the proximal end of the center post;
 - a first sheet attached to the first set of arms;
 - a first hoop attached to the first sets of arms and to the first sheet;
 - a second set of support arms extending from the proximal end of the center post toward the distal end of the center post;
 - a second sheet attached to the second set of support arms; and
 - a second hoop attached to the second sets of arms and to the second sheet.
14. The device post of claim 13 wherein the arms comprise a bell shape.
15. The device of claim 13 wherein the arms are constructed of stranded wire.
16. The device of claim 13 wherein the sheets are constructed of non-thrombogenic polyvinyl alcohol foam.
17. An occlusion device comprising:
 - a first and second collapsible support frame, each frame comprising a support hoop and wire arms, wherein the wire arms of the

first and second collapsible support frames create a flexible intermediate zone to center the device;
a first sheet attached to the first collapsible support frame; and
a second sheet attached to the second collapsible support frame.

18. The device of claim 17 wherein the arms comprise a bell shape.
19. The device of claim 17 wherein the arms are constructed of stranded wire.
20. The device of claim 17 wherein the sheets are constructed of non-thrombogenic polyvinyl alcohol foam.